1: Metraux E-5 (1934-1935) 1940
OY2 Easter Islanders OY2

167 The steady decrease in the population culminated in 1871 when most of the natives left for Tahiti and Mangareva. The exact number of those who abandoned their homes that year is difficult to ascertain. Jaussen (113, p. 385) says that 231 Easter Islanders were working on Brander's plantations and that 50 (some other sources say about 100) stayed in Mangareva with the missionaries. By 1873, 100 of the 231 had died. The number of the emigrants to Tahiti estimated by Thomson (215, p. 461) and Geiseler (87, p. 19) as 400 or 500 is certainly exaggerated, since they say that 300 or 400 were also transferred to Mangareva. In 1900 the Easter Islanders in Tahiti were only 44—21 men, 11 women, and 13 children (7, p. 84). I do not know the present number.

161 The following table tabulates all available population figures for the period 1872 to 1934. This includes inaccurate estimates made by missionaries and visitors as well as careful censuses.

161 The present population is concentrated in the village of Hanga-roa and occupies 2,000 hectares. This area, granted to the natives by the govern-
311 ment, is small but sufficient for their needs. Only the fields in and around
361 Hanga-roa are cultivated but the need of more land has never been felt. It might even be said that the natives could produce far beyond their wants if they cared to. If 456 natives can live easily on a small portion of the island which is not particularly fertile it may be assumed that eight or nine times that number could have made a comfortable living on the entire island. Formerly fishing was a more important food resource than it is now. I believe that the population of Easter Island a hundred years ago must have been between 3,000 and 4,000. Meyer and Jablonowski (160, p. 6), who have investigated carefully the population of Easter Island, propose the same figure. If the population was about 3,000 before the coming of the white men it gives a density of 13.7 persons to one square kilometer, about the same number as that for Tahiti.

164 Leprosy is the only disease endemic to the island. In 1934 there were 22 lepers confined in a separate hut. During the five months we spent on the island all the other natives were examined by Dr. Drapkin who found them in excellent health, with the exception of a few cases of tuberculosis. Venereal diseases are rare and only three or four cases of blennorrhea have been reported. Natives are very susceptible to pulmonary infection. The visit of any boat is invariably followed by an epidemic of influenza or bronchitis. [751] Although surgeons of a warship inspect the island at intervals the natives were vaccinated for the first time during our stay on the island.

1: Metraux E-5 (1934-1935) 1940
OY2 Easter Islanders OY2

Interesting for their native psychology and for the history of the first contact between European and native cultures are the anecdotes told by Zumbohm (230, vol. 5, p. 666): 177 152

> When the first horse was taken ashore the natives were greatly excited. "Some ran away as fast as they could, others lay on the ground. Those who were sufficiently brave to consider the strange thing a bit closer were not a little amazed when they saw the animal divide into two pieces when the rider dismounted." The islanders seem to have realized what a marvelous invention the wheel was. "When the wheelbarrow was loaded and set in motion, our islanders shouted with sheer admiration; the turning wheel was to them a living thing."
>
> In 1935, officers of the *Mercator* rode bicycles on the island. Though the natives were acquainted with cars and other vehicles, the bicycles created genuine bewilderment. Many made the sign of the cross and muttered "Tatane", expressing thus the fear that the device was the work of the devil.

In 1868 the English battleship *Topaze* visited the island and took away the statue called Hoa-haka-nana-ia, which stood in a house of Orongo. Palmer (171), the surgeon on the ship, made a rapid survey of the island and went as far as Rano-raraku, which he described for the first time. His scanty information about native life shows how greatly the old culture had been impaired. The most valuable data were given him by Roussel. 114 175

Captain Ignacio L. Gana, who has written a much-quoted treatise (86) about the island, visited it on the Chilean corvette *O'Higgins*, which stopped there in 1870. All of Gana's information derives from Roussel; unfortunately the Chilean officer either misunderstood or altered the original statements of the missionary so that his information is misleading.

The successful work of the missionaries was brutally interrupted in 1870 by the activities of a French adventurer, Dutroux-Bornier, who settled on the island. Dutroux-Bornier bought from the natives, for some pieces of cloth, the place called Mataveri, one of the most fertile lands of the island. Later he associated—for the exploitation of the island—with a wealthy trader of Tahiti, Mr. Brander. Very soon Dutroux-Bornier quarreled with the missionaries and started an open war against them. He was supported by the natives who had left the village of Hanga-roa to live with him in Mataveri and by the people of Anakena who were envious of those of Hanga-roa. Torometi, who seems to have been a chief or a man with considerable influence, joined Dutroux-Bornier. The people of Mataveri made several raids, which were reciprocated by the people of Hanga-roa. A war broke out in which the huts of both sides were burned and some men killed. Dutroux-Bornier went so far as to shell the village with gunfire. Every day Dutroux-Bornier's men plundered Hanga-roa and Vaihu which were at last entirely destroyed. Finally Bishop Tepano Jaussen ordered the missionaries to depart from a place where no more work could be done. The same year Brander sent a boat to Easter Island to recruit part of the population for his plantations in Tahiti. He had promised that this boat would carry all the natives willing to settle with the 175 721 797 167 175

lt Metraux E-5 (1934-1935) 1940
OY2 Easter Islanders OY2

167 missionaries in Mangareva. The whole population decided to abandon their
175 home country, but about 175 were obliged to remain because the ship was too small or, more likely, because Dutroux-Bornier needed workers and induced the captain to manage so that enough islanders were left.

175 On June 24, 1871, the Russian corvette *Vitiaz* stopped for a few hours in the bay of Hanga-roa. Apparently nobody went ashore and the information about the island published by Miklukho-Maklay was obtained in Mangareva from Father Roussel where the Russian sloop stopped for four days.

In 1872, the French warship *La Flore*, under Admiral F. T. de Lapelin touched briefly at Easter Island. The head of a large statue on the Hanga-roa ahu (ahu Ana-koiroroa) was taken aboard to be presented to a French museum. Pierre Loti, who was then a midshipman on board the *La Flore*, wrote a description (146) more poetical and romantic than accurate, which has popularized in France the legend and the mystery of Easter Island.

The French warship *Seignelay* visited the island in 1877, a few days after the natives had murdered Dutroux-Bornier. At that time, there was apparently nothing left of the work of the missionaries. The French traveler, Pinart (178), who accompanied the *Seignelay*, made a rapid survey of the archaeological remains on the island, paying slight attention to the native life.

After 1877, the ships which called at Easter Island became so numerous that it is unnecessary to mention their visits unless they have added to our information about the past of the island or have effected some changes in the life of the islanders. Since 1864 white men have been permanently established on the island; through them and Tahitians much of European influence has come to the natives.

175 After the death of Dutroux-Bornier, Alexander P. Salmon, associate of
177 Brander, took his place on the island. Salmon, who was an intelligent man and half Tahitian, understood native ways. Certainly he has done more than anyone else to modify the ideas and the material life of the Easter Islanders. Economically the changes were important—more cattle were introduced, and in 1886 there were already 18,000 sheep on the island.

175 Geiseler visited the island in 1882 as commander of the German sloop
114 *Hyane*. In the few days he spent there, he made the most complete ethnological collection which has ever been obtained from the island and gathered much important data.

The American ship *Mohican* stopped at Easter Island for 11 days at the end of 1886. Paymaster Thomson and Dr. Cooke, surgeon of the ship, made a general survey of the archaeology of the island and recorded precious ethnological data. Thomson's report on Easter Island is perhaps, aside from the narratives of the first discoverers, the most important source on the past of the island, but Salmon, who was on the island at the time of the visits of Geiseler and Thomson, must be credited for most of the data and the

10: Cooke D-5 (1886) 1899
OY2 Easter Islanders OY2

161 174 estimated at 20,000, although other calculations give much smaller figures. I am of the opinion that in the days of the image and platform builders the population might have been even larger.

648 167 175 About the year 1863 the Peruvians carried off from the island in 15 vessels, as it is alleged, 5,000 of the inhabitants as agricultural laborers in Peru and to work the guano deposits of the Chincha Islands. By reason of the odium attached to this proceeding, the Peruvian Government, some time afterwards, was induced to return those who had not succumbed to their treatment and altered conditions of life. Smallpox broke out among these on the return voyage. It is stated that all except two died, and the disease, spreading among the people ashore, ravaged the island, many deaths resulting. Of those carried off by the Peruvians one old man, Pakomeo, who was taken to the Chinchas, and whom we saw, still survives, the last of the unfortunates.

266 797 161 Down to the year 1861 cannibalism is said to have been practiced by the natives. In that year a Jesuit mission was established on the island, at which time the population numbered about 1,500. Through the influence and teachings of the missionaries an almost radical change was wrought in the manners, habits, and character of the people, and, to a certain extent at least, they adopted the customs of civilized life.

161 167 When H. M. S. *Topaze* visited the island in 1868 there were but about 900 natives left, of whom less than 300 were females, with the numbers still rapidly declining, the proportion of deaths to births being given as 3 to 1. About the year 1875 some 500 were removed to Tahiti under contract to work on the sugar plantations of that island.

In the year 1878 the missionaries, who had done admirable work among them, departed from the island, taking with them about 300 of the people, who settled Gambier Archipelago.

When H. M. S. *Sappho* touched at the island in 1882 it was reported that but 150 of the inhabitants were left.

161 162 On the occasion of the *Mohican's* visit I received from Mr. Salmon, who had a complete census, with the names of every man, woman, and child on the island, the following summary:

Natives		155
Foreigners		11
Total number of inhabitants		166
Native men		68
Native women		43
Boys under 15 years of age		17
Girls under 15 years of age		27
Total number of natives		155
Tahitians		6
English		2
Americans		2
Frenchmen		1
Total number of foreigners		11